COAL STRENGTH STUDIES

TEST NO.	TEST DESCRIPTION
I	Coal strength vs. cigarette age (from time of making → 3 months including some cold storage).
II	Coal strength - packaged vs. loose cigarettes - evaluated on MFC cigarettes and R & D cigarettes.
III	Coal strength - effects of dilution - Merit cigarettes (control) vs. Merit cigarettes (overtipped).
IV	Coal strength vs. cigt. O.V.
V	Coal strength vs. cigt. weight and firmness (wide range of weights).
VI	Coal strength vs. cigarette length (rod length) (cut vs. uncut rods).
VII	Coal strength vs. filter construction (plastic vs. CA, filter length, tipping paper length and type, etc.).
VIII	Coal strength vs. circumference (e.g. BH8 vs. VA8 vs. SR9 at constant rod lengths).
IX	Coal strength vs. cigarette paper (two extremes - high porosity paper vs. low porosity; seam width; paper burn additives).
X	Coal strength vs. blend and blend components (1) Marlboro, Parliament and Multifilter cigarette constructions with Marlboro, Parliament, Multifilter, B & H Menthol and P. M. Commander blends. (2) Evaluation of individual blend components (could be done in conjunction with blend components studies #IV).
XI	Coal strength vs. tobacco shred size (in conjunction with tobacco shred size program) (1) Degradation - garniture passes - Mark VIII vs. Mark IX makers. (2) Effects of ripper short addition.

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Source: https://www.industrydocuments.ucsf.edu/docs/khpk0001